

CLAIMS

[Claim(s)]

[Claim 1] The digester process of the lignocellulose material characterized by carrying out the digestion of the lignocellulose material in a digestion medical fluid with which a liquid ratio is set to 1.8-2.8, performing operation of infiltrating a cooking liquor into lignocellulose material equally, on the occasion of the digestion of lignocellulose material.

[Claim 2] The digester process according to claim 1 whose digestion medical fluid is an alkaline cooking liquor.

[Claim 3] The digester process according to claim 2 whose digestion medical fluids are a soda digestion medical fluid, a craft digestion medical fluid, a carbonate digestion medical fluid, and a polysulfide digestion medical fluid.

[Claim 4] The digester process according to claim 1, 2, or 3 characterized by containing at least one sort of compounds with which the digestion medical fluid was chosen from a quinone compound, hydroquinone compounds, or these precursors.

[Claim 5] 4 is [the claim 1 whose thickness of tip about lignocellulose material is 8mm or less, or] the digester process of a publication either.

[Claim 6] The digester process of the lignocellulose material characterized by carrying out a digestion by the well-known digester process after carrying out the digestion of the lignocellulose material in a digestion medical fluid with which a liquid ratio is set to 1.8-2.8, performing operation of infiltrating a cooking liquor into lignocellulose material equally till the early stages of a digestion, on the occasion of the digestion of lignocellulose material after reaching 120 degrees C or more and predetermined digestion temperature.